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Figure 1
Toughness as a function of as-cast grain size.

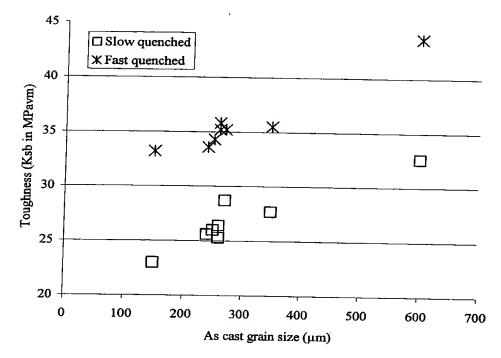
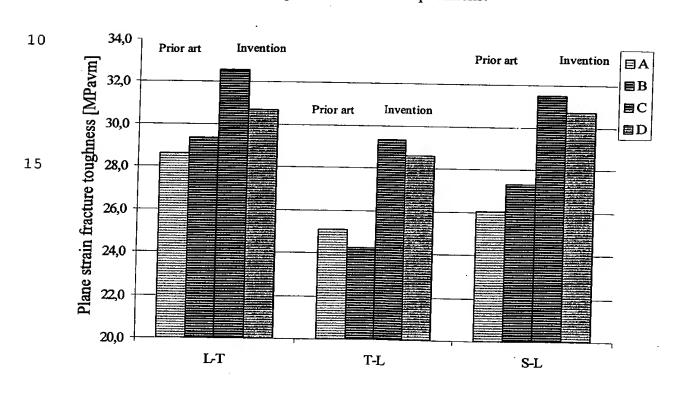


Figure 2

Illustration of toughness improvements for the invention plate with respect to the control specimens.



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Figure 3
Relationship between average intercept distances and fracture toughness

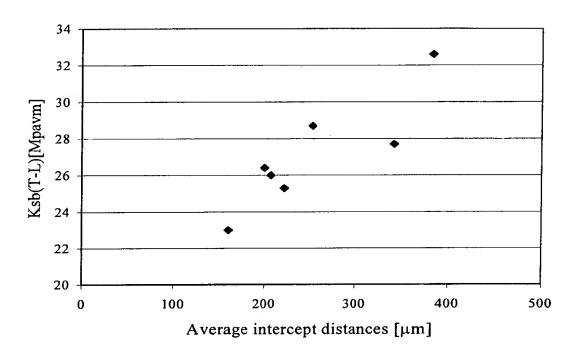
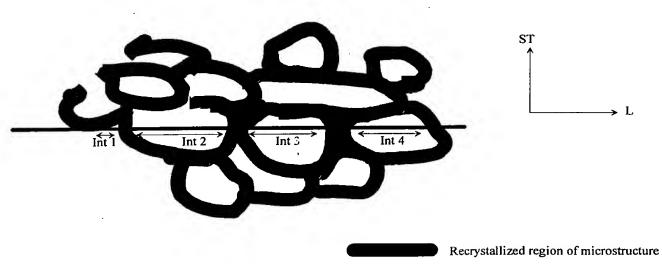


Figure 4
Schematic illustration of the approach used to quantify the characteristic intercept distance between recrsytallized zones for the products described above.



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